

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (case # 6251) 02/10/00
A. 55 approved by the Department under 37 CFR 1.614 at 1.152.
B. 17 withdrawn by the Department under 37 CFR 1.64 at 1.152 by the reasons indicated below. The examiner will prepare drawings of new, amended drawings were necessary. Corrected drawings were submitted consisting to the inventor(s) on the date of this action.

1. **DRAWINGS.** 37 CFR 1.104(a) Acceptable condition of drawings.
Blank list. Check.
_____ Color drawings may not be acceptable and section is omitted.
Fig(s) _____
_____ Printed and non printed text and graphics. Fig(s) _____

2. **PHOTOCRAPIES.** 37 CFR 1.104(f)
_____ 1 inch size not is required. Fig(s) _____
_____ Photocopies may not be accepted. 37 CFR 1.104(f)
_____ Poor quality (unacceptable). Fig(s) _____

3. **TYPE OF PAPER.** 37 CFR 1.104(f)
_____ Paper not flexible, strong, white, and durable.
Fig(s) _____
_____ Corrosive, discolored, overwritings, interpenetrations.
_____ Adds, copy machine marks not accepted. Fig(s) _____
_____ Types, when paper is not acceptable (over 100%).
Fig(s) _____

4. **SIZE OF PAPER.** 37 CFR 1.104(f) Acceptable sizes:
_____ 21.0 cm by 29.7 cm (8 1/4 inch by 11 7/8 inch)
_____ 21.6 cm by 27.9 cm (8 1/2 inch by 11 inches)
_____ All drawings sheets not the same size.
_____ Section(s) _____
_____ Drawings printed on acceptable size. Fig(s) _____

5. **MARGINS.** 37 CFR 1.104(g) Acceptable margins:
_____ Top 2.5 cm (1 1/8 inch) Right 1.9 cm (3/4 inch) Left 2.5 cm (1 1/8 inch) Bottom 1.9 cm (3/4 inch)
_____ Top 2.5 cm (1 1/8 inch) Right 1.9 cm (3/4 inch) Bottom 1.9 cm (3/4 inch) Left 2.5 cm (1 1/8 inch)
_____ Margins not acceptable. Fig(s) _____
_____ Top (7) _____ Left (1)
_____ Bottom (1) _____

6. **VIEW(S).** 37 CFR 1.104(h)
REMARKS: Specifications may require revision in subsequent drawing changes.
Partial view, 37 CFR 1.104(h)(2)
_____ Sections needed to show object in one view.
Fig(s) _____
_____ View not limited separately or properly.
Fig(s) _____
_____ Colored view not indicated separately or properly.
Fig(s) _____

7. **SECTIONAL VIEWS.** 37 CFR 1.104(i)
_____ Drawing not indicated for sectioned portions of an object.
Fig(s) _____
_____ Sectional drawings should be noted with Arabic or Roman numerals. Fig(s) _____

8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.104(j)
_____ Views do not appear on a horizontal, top in right hand corner page is often omitted or added to the top
_____ Sectional views, except for groups. Fig(s) _____

9. **SCALE.** 37 CFR 1.104(k)
_____ Prints not large enough to show dimensions without
_____ Drawing view drawing is reduced in size to two-thirds in
_____ reproduction.
Fig(s) _____

10. **CHARACTER OF LINES, DIMENSIONS, & LETTERS.**
37 CFR 1.104(l)
_____ Lines, symbols & letters not necessarily dark and used
_____ to finish, clean, readable, and listed (over the quality).
Fig(s) _____

11. **DIMENSIONS.** 37 CFR 1.104(m)
_____ Solid lines and solid. Fig(s) _____
_____ Solid black shading on permitted. Fig(s) _____
_____ Shows clean, solid, rough not required. Fig(s) _____

12. **NUMERICAL LETTERS & REFERENCE CHARACTERS.**
37 CFR 1.104(n)
_____ Numbers and reference characters not plain nor legible.
Fig(s) _____
_____ Figures express and point. Fig(s) _____
_____ Numbers and reference characters not reduced in the
_____ same context in the view. 37 CFR 1.104(n)(1)
Fig(s) _____
_____ English numerals can read. 37 CFR 1.104(n)(2)
Fig(s) _____
_____ Numbers, letters and reference characters must be at least
_____ 3.0 mm (1/8 inch) in height. 37 CFR 1.104(n)(3)
Fig(s) _____

13. **LEAD LINES.** 37 CFR 1.104(o)
_____ Lead lines extend each object. Fig(s) _____
_____ Lead lines ending. Fig(s) _____

14. **NUMBERING OF POINTS OF DRAWINGS.** 37 CFR 1.104(p)
_____ Views not numbered consecutively, and in Arabic script not
_____ including who extend 1. Fig(s) _____

15. **REMARKS OF VIEWS.** 37 CFR 1.104(q)
_____ Views not numbered consecutively, and in Arabic script not
_____ including who extend 1. Fig(s) _____

16. **CONNECTIONS.** 37 CFR 1.104(r)
_____ Connections not made from view Fig(s) not
_____ given

17. **DESK DRAWINGS.** 37 CFR 1.104(s)
_____ Solid black shading shows not acceptable. Fig(s) _____
_____ Solid black shading not used for other reasons.
Fig(s) _____

COMMENTS

BEST AVAILABLE COPY

REVIEWER Draftsman: Son Lam DATE 10/3/01 TELEPHONE NO. _____
703/308-0366

ATTACHMENT TO PAPER NO. 3

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A; Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES**1. Correction of Drawings - 37 CFR 1.85**

File new drawings with the changes incorporated therein. Identifying initials, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.

Best Available Copy

Attachment for PTO-948 (Rev. 03/01, or earlier)
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a)

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.